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PTO/SB/81 (02-01)

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AUTHORIZATION OF AGENT**

Application Number	09/905,356
Filing Date	07/13/2001
First Named Inventor	Deguchi
Title	Vendor I.D.
Group Art Unit	2161
Examiner Name	
Attorney Docket Number	Sony - 02400

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Practitioner(s) named below:

Name	Registration Number
Richard H. Butt	40,932
Harold T. Fujii	38,458
Frederick J. Zustak	36,728
Ronald C. Card	44,587
Milton M. Frazier	44,687

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Address

5655 Silver Creek Valley Road

Address

#106

City

San Jose

State

CA

Zip

95138

Country

US

Telephone

(408)223-9763

Fax (408) 223-9765

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name

Harold T. Fujii

Signature

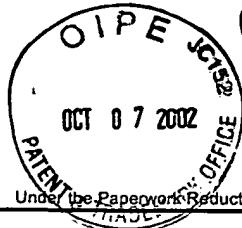
Date

9-18-02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Sony Corporation and Sony Electronics, Inc.Application No./Patent No.: 09/905,356 Filed/~~Issue~~ Date: 7/13/2001Entitled: Vendor I.D. Tracking for E-MarkerSony Electronics, Inc., a U.S. Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or2. an assignee of less than the entire right, title and interest.The extent (by, percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011994, Frame 0940, or for which a copy thereof is attached.

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B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

9-18-02

Date

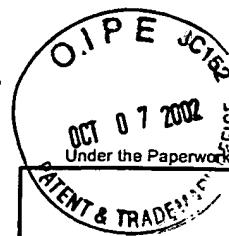
Harold T. Fujii

Typed or printed name

Signature

VP Chief IP Counsel

Title



PTO/SB/96 (08-00)
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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Sony Corporation and Sony Electronics, Inc.

Application No./Patent No: 09/905,356 Filed/Issue Date: 7/13/2001

Entitled: Vendor I.D. Tracking for E-Marker

Sony Corporation, a Japanese Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

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OR

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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7-18-01

Date

Harold T. Fujii

Typed or printed name

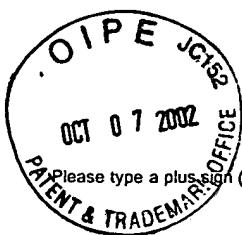
Signature

VP Chief IP Counsel

Title

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REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/905,356
Filing Date	7/13/2001
First Named Inventor	Deguchi
Group Art Unit	2161
Examiner Name	
Attorney Docket Number	Sony - 02400

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

A Power of Attorney or Authorization of Agent is submitted herewith.

OR

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Firm or
Individual Name

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Address

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I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

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SIGNATURE of Applicant or Assignee of Record

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Name Harold T. Fujii

Signature

Date

9-18-01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

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AUTHORIZATION

I, Frank M. Lesher, on behalf of Sony Electronics Inc., having offices at 1 Sony Drive, Park Ridge, New Jersey 07656, do hereby authorize the following individuals to appoint domestic representation in the United States for purposes of perfecting patent assignment recordations in accordance with U.S. Patent Office Rules:

Harold T. Fujii

Frederick J. Zustak

I further hereby declare that as Executive Vice President, General Counsel, and Secretary for Sony Electronics Inc., I am authorized to grant this authorization. This authorization shall expire two years from the date below unless renewed in writing.

Executed on this 20th day of March, 2002

Frank M. Lesher

Executive Vice President, General Counsel & Secretary
Sony Electronics Inc.



LIMITED AUTHORIZATION

Sony Electronics Inc., a Delaware Corporation, with offices at 1 Sony Drive, Park Ridge, New Jersey 07656, hereby appoint the following individuals as Authorized Representatives to execute documents on behalf of Sony Electronics Inc., for the sole purpose of correction of inventorship in the United States Patent Office and all patent offices for countries foreign to the United States of America:

Harold T. Fujii

Frederick J. Zustak

This Limited Authorization shall be effective as of the date of execution and may be revoked in writing at any time and shall expire two years from the effective date if not extended in writing.

I hereby verify that I have been empowered by Sony Electronics Inc. to execute this Limited Authorization on behalf of Sony Electronics Inc.

Executed on this 20th day of March, 2002



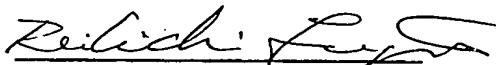
Frank M. Lesher
Executive Vice President, General Counsel & Secretary
Sony Electronics Inc.

AUTHORIZATION

I, Reikichi Fujii, on behalf of Sony Corporation, having offices at 6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo, Japan 141, hereby authorize the following individuals to appoint domestic representation in the United States for purposes of perfecting patent assignment recordations in accordance with U.S. Patent Office Rules:

Peter C. Toto
Harold T. Fujii
Frederick J. Zustak
Frank M. Lesher

I further hereby declare that as Senior General Manager of Intellectual Property Division of Sony Corporation, I am authorized to grant this authorization. This authorization shall expire two years from the date below unless renewed in writing.



Reikichi Fujii
Senior General Manager
Intellectual Property Division
Sony Corporation

October 4, 2001
Date